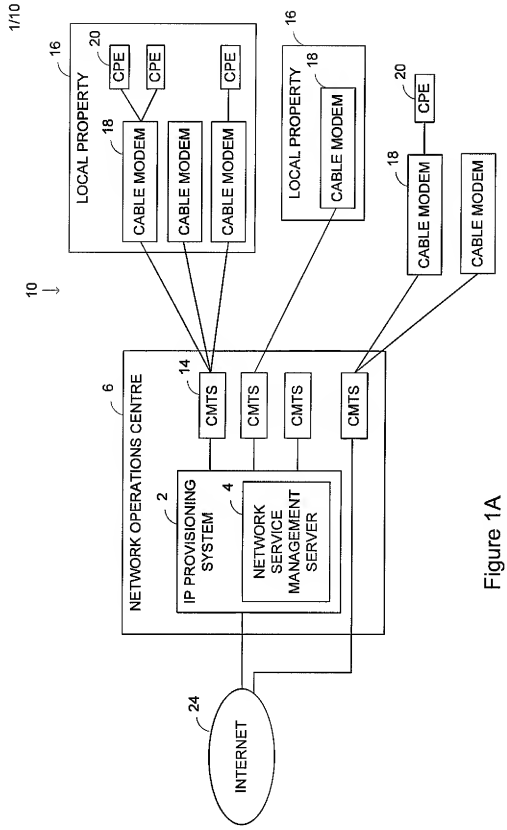
1/10
10
INTERNET
24
NETWORK OPERATIONS CENTRE
6
IP PROVISIONING SYSTEM
2
NETWORK SERVICE MANAGEMENT SERVER
4
CMTS
14
CMTS
CMTS
CMTS
LOCAL PROPERTY
16
CABLE MODEM
18
CABLE MODEM
CABLE MODEM
CPE
20
CPE
CPE
LOCAL PROPERTY
16
CABLE MODEM
18
CABLE MODEM
18
CPE
20

Figure 1A

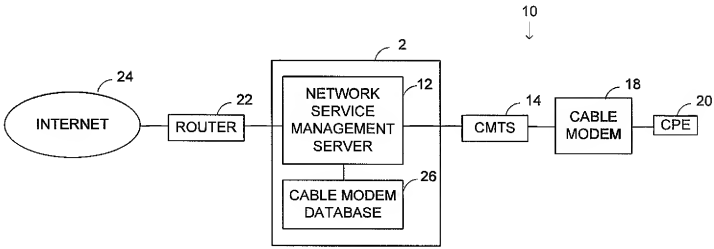

Figure 1B

REPLACEMENT SHEET

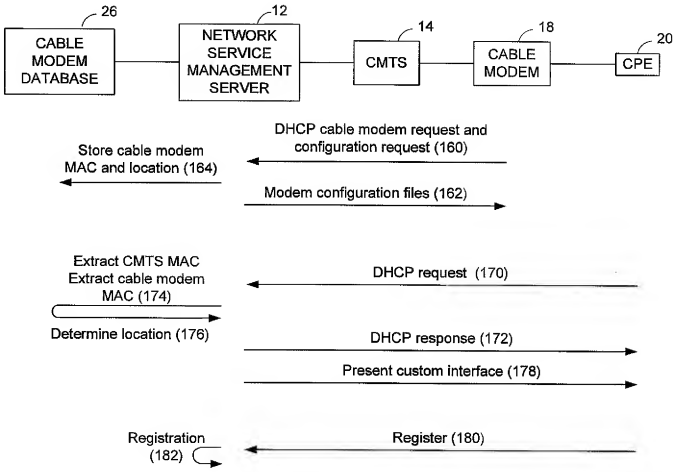

Figure 1C

REPLACEMENT SHEET

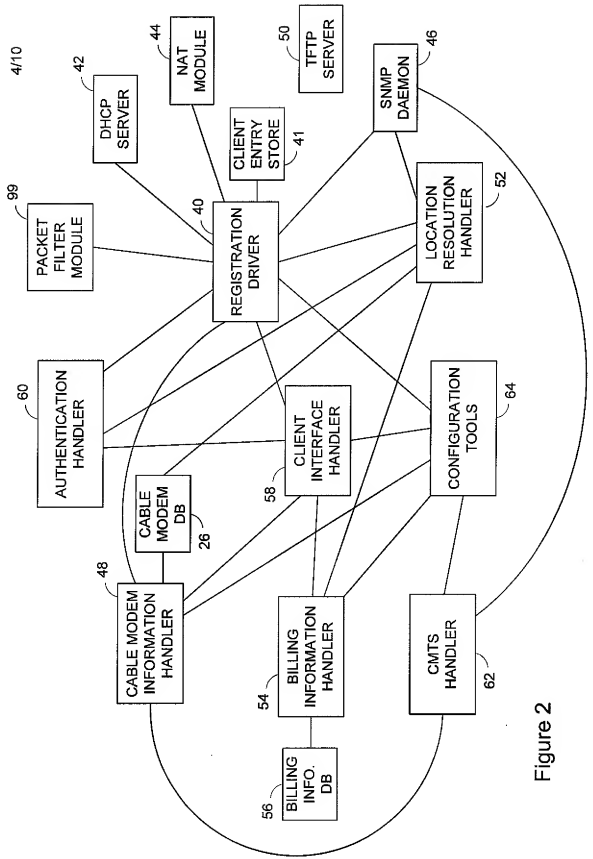
4/10
99
PACKET FILTER MODULE
42
DHCP SERVER
44
NAT MODULE
50
TFTP SERVER
46
SNMP DAEMON
41
CLIENT ENTRY STORE
40
REGISTRATION DRIVER
52
LOCATION RESOLUTION HANDLER
60
AUTHENTICATION HANDLER
58
CLIENT INTERFACE HANDLER
64
CONFIGURATION TOOLS
26
CABLE MODEM DB
48
CABLE MODEM INFORMATION HANDLER
54
BILLING INFORMATION HANDLER
62
CMTS HANDLER
56
BILLING INFO. DB

Figure 2

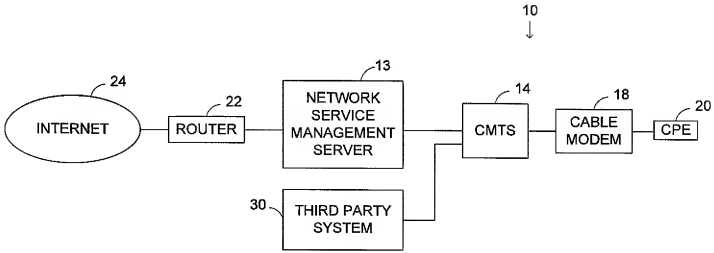

Figure 3

REPLACEMENT SHEET

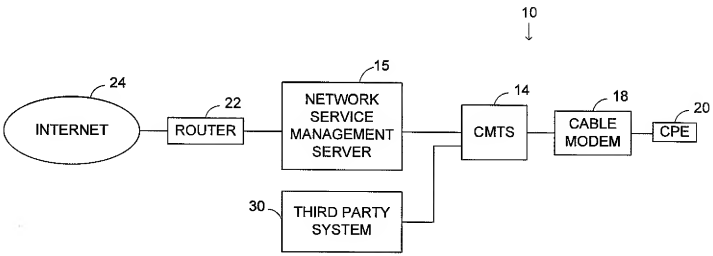

Figure 4

REPLACEMENT SHEET

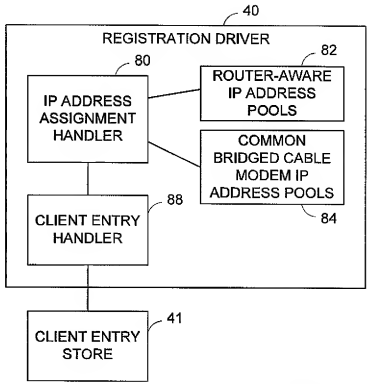

Figure 5

REPLACEMENT SHEET

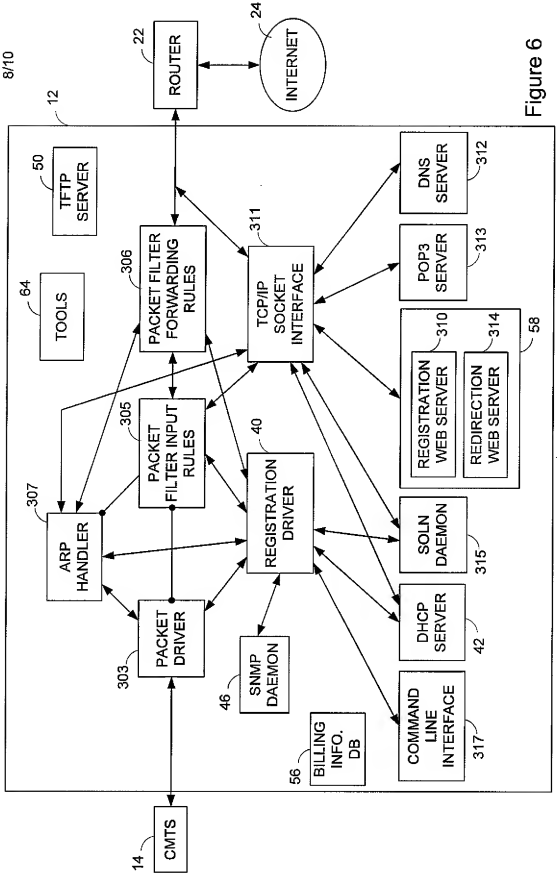
14
CMTS
303
PACKET DRIVER
307
ARP HANDLER
305
PACKET FILTER INPUT RULES
306
PACKET FILTER FORWARDING RULES
40
REGISTRATION DRIVER
311
TCP/IP SOCKET INTERFACE
12
64
TOOLS
50
TFTP SERVER
22
ROUTER
24
INTERNET
46
SNMP DAEMON
56
BILLING INFO. DB
42
DHCP SERVER
315
SOLN DAEMON
317
COMMAND LINE INTERFACE
58
310
REGISTRATION WEB SERVER
314
REDIRECTION WEB SERVER
313
POP3 SERVER
312
DNS SERVER

Figure 6

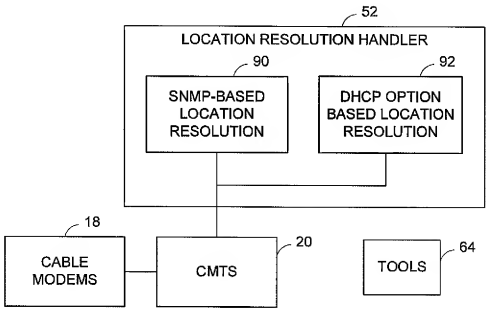

Figure 7

REPLACEMENT SHEET

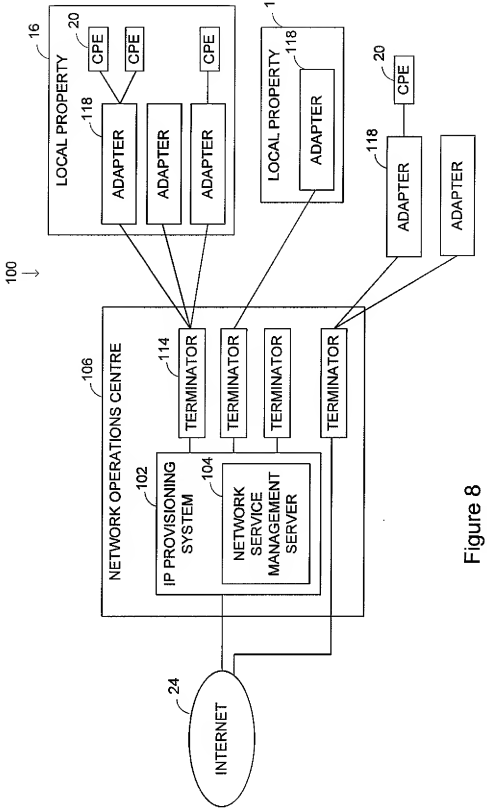
100
16
LOCAL PROPERTY
20
CPE
CPE
CPE
118
ADAPTER
ADAPTER
ADAPTER
16
LOCAL PROPERTY
118
ADAPTER
118
ADAPTER
20
CPE
ADAPTER
106
NETWORK OPERATIONS CENTRE
114
TERMINATOR
TERMINATOR
TERMINATOR
TERMINATOR
102
IP PROVISIONING SYSTEM
104
NETWORK SERVICE MANAGEMENT SERVER
24
INTERNET

Figure 8